المهام الأدائية

للصف الرابع الابتدائي

مادة: الرياضيات

تعليمات عامة:

- يستغرق العمل علي المهام الأدائية حصتان دراسيتان متتاليتان.
- يوزع المعلم أوراق المهمة علي الطلاب ويوضح لهم المقصود منها.
- يشرف المعلم على مراحل تنفيذ المهام خلال الحصص المخصصة لذلك.
- يجيب الطلاب عن المطلوب من المهمة في نفس الورقة.
- لا مانع من استخدام الطالب للكتاب المدرسي إذا أراد ذلك.
- يتم تصحيح المهمة من ٣٥ درجة كما يوضح الجدول التالي:

المرحلة	التخطيط	جدية العمل	المنتج النهائي	الدرجة النهائية
الدرجة	٥درجات	٥درجات	٢٥ درجة	٣٥ درجة

(١)

(The Olympic Games City)

Student's name:……………………………………………..

Grade:…………………………………………………….

Egypt International City for The Olympic Games is the greatest integrated Olympic city based in The New Administrative Capital. The Olympic City includes the following:

1. A covered hall of **8000** seats.
2. A squash compound of **1000** seats.
3. A table tennis compound of **3500** seats.
4. Swimming pools compound of **5000** seats.

Represent the previous data using the following graph:

Then, complete the following:

1. The difference between number of seats of the swimming pools compound and number of seats of the table tennis compound = ………………………………..
2. Sum of the number of seats of the squash compound and the number of seats of the covered hall = …………
3. —— = —— (in simplest form)

(٢)

(Reclaiming one and a half million feddans)

Student’s name:……………………………………………………..
Grade:……………………………………………………………

To implement the project of reclaiming one and a half million feddans, the company (A) reclaimed 480 feddans and the company (B) reclaimed 32 feddans.

Depending on the above complete the following:

1. **If the company (A) distributed the reclaimed lands equally among 60 farmers, then the share of each farmer = ……….. feddans,**
2. **– of what was reclaimed from lands of the company (B) = ………. feddans.**
3. **How many quarters of a feddan in 2 feddans ? ……………………………**
4. **If a piece of land is divided into 100 basins of equal areas, then the decimal fraction that represents the area of one basin = …………**

(100 Million Health)

Student's name:………………………………………………..
Grade:……………………………………………………….

The state has trained human cadres from the Ministry of Health in different governorates to detect the diseases through the state's national campaign 100 Million Health.

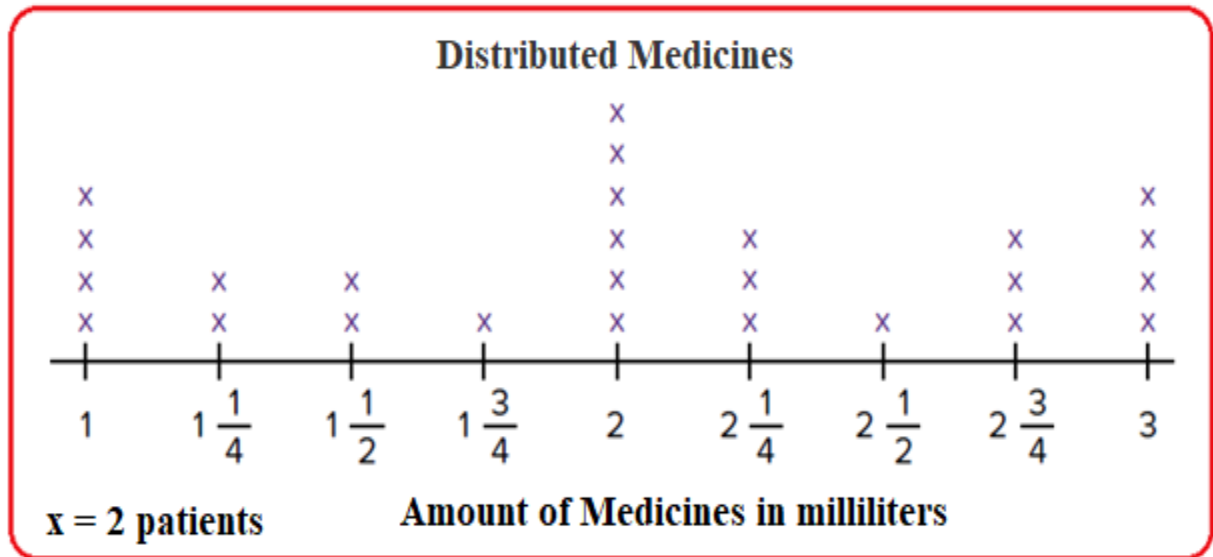
Complete the following:

1. If the number of the trainees in one governorate is 600 and they distributed equally among 5 training centers, then the number of trainees in each center = ………………………………
2. If the number of patients in one of a training center is 60 and – of them were examined, then the number of examined patients = ……………
3. If we put some seats for the patients on a walking path of 2 kilometers long. Such that we put a seat every – kilometer from the beginning to the end of the path. Determine the place of each seat using the benchmark fractions to complete the following number line:

(٤)

(100 Million Health)

Student's name:…………………………………………………..
Grade:………………………………………………………….

In one of the health centers affiliated to the 100 million health project, medicines were distributed according to the following line plot:

Complete the following:

1. Number of the patients vaccinated at a dose of 2 – milliliters = …………..
2. The total number of patients vaccinated with doses of 1 milliliter and 3 milliliters = ……….
3. The difference between the number of patients vaccinated with doses of 2 milliliters and 1 – milliliters = ...
4. ١ – + 1 – = …………

(٥)

(Playing with the numbers)

Student’s name:……………………………………………………..
Grade:…………………………………………………………….

Using the following cards:

—	0.91	—	1.8	—

Complete:

1. The greatest mixed number = …………
2. The smallest fraction = ………….
3. Sum of the greatest mixed number and the smallest fraction=….
4. The difference between the greatest mixed number and the smallest

   fraction = ……………….

(٦)

(Together against the expensiveness)

Student’s name:………………………………………………..
Grade:…………………………………………………………….

One of the associations formed bags to help the neediest families. Each bag contains 1 – kg of meat , – kg of tea, 2 kg of sugar and 400 gm of macaroni.

Complete:

1. The amount of meat that 3 bags contain= ………..kg
2. The amount of tea that 5 bags contain= ………..kg
3. 400 gm = —— = ………kg (in a decimal form)
4. If the association had 230 kg of sugar and it distributed this amount of sugar equally among a number of bags, then the number of bags have been formed = ………

إهداء/صفحة عاشق لغة الضاد.. رضا نصار

نموذج اجابة

(١)

(The Olympic Games City)

Student's name:……………………………………………

Grade:……………………………………………

Egypt International City for The Olympic Games is the greatest integrated Olympic city based in The New Administrative Capital. The Olympic City includes the following:

1. A covered hall of **8000** seats.
2. A squash compound of **1000** seats.
3. A table tennis compound of **3500** seats.
4. Swimming pools compound of **5000** seats.

Represent the previous data using the following graph:

Then, complete the following:

1. The difference between number of seats of the swimming pools compound and number of seats of the table tennis compound = 3500 − 1000 = 2500
2. Sum of the number of seats of the squash compound and the number of seats of the covered hall = 8000 + 1000 = 9000
3. $\frac{1000}{8000} = \frac{1}{8}$ (in simplest form)

صفحة عاشق لغة الضاد رضا نصار

إهداء/صفحة عاشق لغة الضاد.. رضا نصار

نموذج إجابة

(٢)

(Reclaiming one and a half million feddans)

Student's name:..
Grade:..

To implement the project of reclaiming one and a half million feddans, the company (A) reclaimed 480 feddans and the company (B) reclaimed 32 feddans.

Depending on the above complete the following:

1. If the company (A) distributed the reclaimed lands equally among 60 farmers, then the share of each farmer (480÷60) = ..8...... feddans,
2. $\frac{1}{2}$ of what was reclaimed from lands of the company (B) (32 ÷ 2 =) = ...16 feddans.
3. How many quarters of a feddan in 2 feddans ? ....8...............
4. If a piece of land is divided into 100 basins of equal areas, then the decimal fraction that represents the area of one basin = ...0,01

إهداء/صفحة عاشق لغة الضاد.. رضا نصار

(٣)

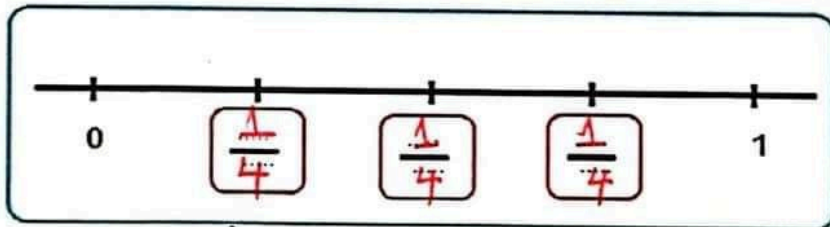
(100 Million Health)

Student's name:..

Grade:..

The state has trained human cadres from the Ministry of Health in different governorates to detect the diseases through the state's national campaign 100 Million Health.

Complete the following:

1. If the number of the trainees in one governorate is 600 and they distributed equally among 5 training centers, then the number of trainees in each center = ..600 ÷ 5 = 120....
2. If the number of patients in one of a training center is 60 and $\frac{2}{3}$ of them were examined, then the number of examined patients = ..40...patients
3. If we put some seats for the patients on a walking path of 2 kilometers long. Such that we put a seat every $\frac{1}{4}$ kilometer from the beginning to the end of the path. Determine the place of each seat using the benchmark fractions to complete the following number line:

إهداء/صفحة عاشق لغة الضاد.. رضا نصار

(٤)

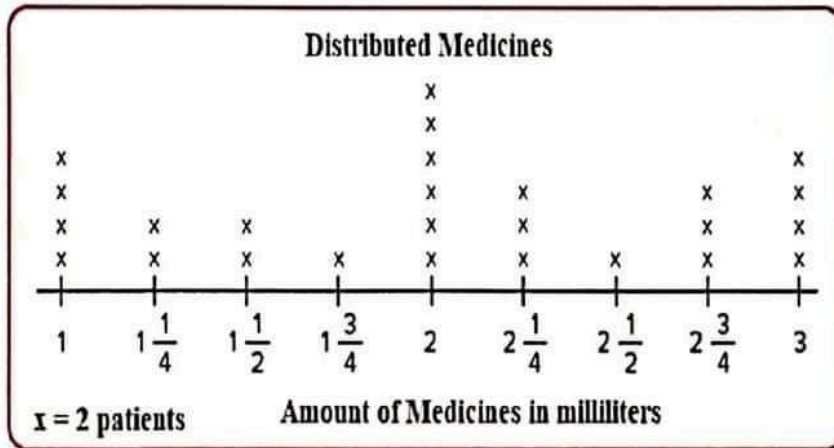
(100 Million Health)

Student's name:………………………………………………

Grade:…………………………………………………………

In one of the health centers affiliated to the 100 million health project, medicines were distributed according to the following line plot:

Distributed Medicines

Amount of Medicines in milliliters	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
x	xxxx	xx	xx	x	xxxxxx	xxx	x	xxx	xxxx

x = 2 patients

Complete the following:

1. Number of the patients vaccinated at a dose of $2\frac{3}{4}$ milliliters = 3X2 = 6
2. The total number of patients vaccinated with doses of 1 milliliter and 3 milliliters = 8+8 = 16
3. The difference between the number of patients vaccinated with doses of 2 milliliters and $1\frac{3}{4}$ milliliters = 12 - 2 = 10
4. $1\frac{1}{4} + 1\frac{1}{2}$ = $2\frac{3}{4}$

صفحة عاشق لغة الضاد رضا نصار

واتس ٠١٠٦٦٣٦٢١١٢

سنور المدينة / دسوق / كفر الشيخ

إهداء/صفحة عاشق لغة الضاد.. رضا نصار

نموذج إجابة

(٥)

(Playing with the numbers)

Student's name:...
Grade:..

Using the following cards:

$\frac{1}{100}$	0.91	$5\frac{63}{100}$	1.8	$\frac{5}{10}$

Complete:

1. The greatest mixed number = $5\frac{63}{100}$
2. The smallest fraction = $\frac{1}{100}$
3. Sum of the greatest mixed number and the smallest fraction= $5\frac{63}{100} + \frac{1}{100} = 5\frac{64}{100}$
4. The difference between the greatest mixed number and the smallest fraction = $5\frac{63}{100} - \frac{1}{100} = 5\frac{62}{100}$

نموذج إجابة

إهداء/صفحة عاشق لغة الضاد.. رضا نصار

(١)

(Together against the expensiveness)

Student's name:...

Grade:...

One of the associations formed bags to help the neediest families. Each bag contains $1\frac{1}{2}$ kg of meat , $\frac{1}{4}$ kg of tea, 2 kg of sugar and 400 gm of macaroni.

Complete:

1. The amount of meat that 3 bags contain= ..$4\frac{1}{2}$...kg
2. The amount of tea that 5 bags contain= ..$1\frac{1}{4}$....kg
3. 400 gm = $\frac{400}{1000}$ = ..0.4..kg (in a decimal form)
4. If the association had 230 kg of sugar and it distributed this amount of sugar equally among a number of bags, then the number of bags have been formed =

$230 \div 2 = 115$ bags

صفحة عاشق لغة الضاد - رضا نصار

واتس ٠١٠٦٦٣٦٢١١٢

سفير المدينة / دمنهور / كفر الشيخ